

Title (en)

METHOD AND COMPOSITION FOR IN SITU FORMATION OF AN ARTIFICIAL BLOCKAGE TO CONTROL BLOOD LOSS

Title (de)

VERFAHREN UND ZUSAMMENSETZUNG ZUR IN-SITU-BILDUNG EINER KÜNSTLICHEN SPERRE ZUR BEKÄMPFUNG VON BLUTVERLUST

Title (fr)

PROCÉDÉ ET COMPOSITION POUR LA FORMATION IN SITU D'UN BLOCAGE ARTIFICIEL POUR SUPPRIMER UNE PERTE DE SANG

Publication

EP 2741788 A4 20150325 (EN)

Application

EP 12823601 A 20120814

Priority

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- US 2012050716 W 20120814

Abstract (en)

[origin: WO2013025685A1] Two siloxane-based mixtures combine to form a soft or semi-solid matrix for forming an artificial blockage to control bleeding, particularly moderate to severe bleeding. The first component includes a homogeneous mixture or solution that includes a polymeric matrix, a surfactant, filler(s) and metal compound(s). The second component includes a homogeneous mixture or solution that includes a polymer(s), a filler(s), a surfactant, and hydrogen peroxide. The combination of the two components is carried out with adequate mixing using mechanical and micro-kinetic mixing mechanisms and can be performed in a field-ready delivery device.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XII] US 2009232877 A1 20090917 - MONTES JOSEPH G [US], et al
- [X] US 5846567 A 19981208 - KALLOO ANTHONY N [US], et al
- See references of WO 2013025685A1

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